



NMMSS News

Nuclear Materials Management & Safeguards System

Published Periodically by & for NMMSS Users

February 2014

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Special

Announcement

NMMSS 2014

Annual Users Training Meeting **May 12-15, 2014**

Please Mark Your Calendar!

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The Nuclear Materials Management and Safeguards System (NMMSS) 2014 Annual Users Training Meeting will be held May 12 - 15, 2014, in Denver, Colorado. The NMMSS is the U.S. Government's official information system containing current and historical accounting data and other related nuclear material information collected from both government and commercial nuclear facilities. The data serves a critical role in aiding risk informed decision-making including those related to Regulatory Functions, International Programs, Materials Management, Program Management, and Financial Management.

The NMMSS 2014 four-day event provides a unique training and information sharing opportunity for the Nuclear Regulatory Commission (NRC) licensees, the Department of Energy (DOE)/National Nuclear Security Administration (NNSA) Federal and contractor organizations, and other domestic and international entities. These include: 1) Basic and advanced training sessions, 2) Regulatory Updates, 3) Hands-on software orientation, 4) Technical and regulatory issues of importance to the NRC licensees and DOE/NNSA contractors, 5) Breakout sessions focused on NMMSS, NMMT and LANMAS, 6) One-on-one consultation and technical support, 7) Industry Roundtable discussion to share ideas and identify opportunities for improvement, and 8) Topical presentations on emerging domestic and international developments.

To participate in this important event please visit <http://70.91.69.161/nmmss2014/> to register and to reserve your hotel accommodations. We have reserved a limited block of rooms at the government per diem rate available on a first-come first-serve basis.

Meanwhile, please contact Pete Dessaulles (DOE/NNSA) pete.dessaules@NNSA.doe.gov or Brian Horn (NRC) brian.horn@NRC.gov with any questions or topics of significance to your organization that you would like addressed at the NMMSS 2014 Annual Users Training Meeting.

Obligation Codes for Russian Federation

In May 2008, the Agreement for Peaceful Nuclear Cooperation between the United States of America and the Russian Federation entered into force. Like most other Agreements for Peaceful Nuclear Cooperation, this Agreement allows for nuclear material imported to the US to be subject to the terms and conditions of the Agreement, including tracking and reporting. NRC has recently been informed that the first shipments of Russian nuclear materials are expected to be delivered to the US later this calendar year. In preparation for the imports, the following eight new foreign obligation codes have been established to allow industry to track and report Russian Federation nuclear materials to NMMSS. The following new foreign obligation codes are available for immediate use:

Obligation Code*	MBR Category	Obligation Title	MBR Line Title
36	C1	Russia	C1. RUSSIA (36)
96	C2	Australia/Russia	C2. AUSTRALIA/RUSSIA (96)
97	C3	Canada/Russia	C3. CANADA/RUSSIA (97)
65	C4	Japan/Russia	C4. JAPAN/RUSSIA (65)
66	C5	EURATOM/Russia	C5. EURATOM/RUSSIA (66)
67	C6	Australia/Japan/Russia	C6. AUSTRALIA/JAPAN/RUSSIA (67)
68	C7	Canada/Japan/Russia	C7. CANADA/JAPAN/RUSSIA (68)
69	C8	EURATOM/Japan/Russia	C8. EURATOM/JAPAN/RUSSIA (69)

* **The above new obligation codes do not replace the "WR" code that continues to be used to identify down blended Russian weapons material.**

If industry identifies a need for an additional foreign obligation code, please contact Mitch Hembree at (301) 903-6299 or email at mitch.hembree@nnsa.doe.gov.

NMMSS Fillable Forms

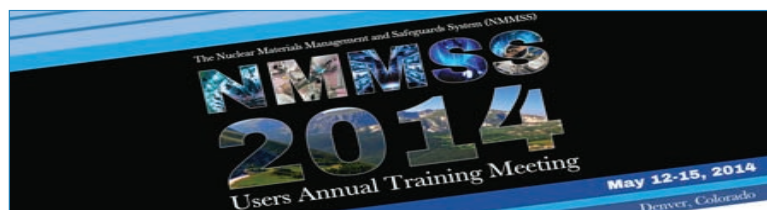


The fillable forms provide the Users the ability to download standard NMMSS forms (DOE/NRC Form 741, 742, 742C), enter their data onto the form and save the data as an XML (Extensible Markup Language) file for transmission to NMMSS. The users can also print a hardcopy of the form and/or save the file on their local network or computer. This enhancement offers significant time savings and reduces potential errors.

This feature has now been uploaded onto the NMMSS website and is available for use. The NMMSS Fillable forms are available for use at <http://nnsa.energy.gov/aboutus/ourprograms/nuclearsecurity/nmmsshome/nmmssinfo/fillableforms>. The Download and installation directions are also included. If you have any questions, or need any help, please contact Gary Hirsch at (301) 903-6870 or gary.hirsch@nnsa.doe.gov.

Topics Needed for the industry Round-Table at the Upcoming 2014 NMMSS Annual Users Training Meeting

During the 2013 NMMSS Annual Users Training Meeting, two industry round-tables were held. Feedback from the attendees was that the round-tables are valuable to industry and that industry would like the two round-tables to be scheduled for the 2014 NMMSS Users Training Meeting. Industry feedback also included a request that industry representatives be identified early on as the round-table coordinators to further enhance the effectiveness of the round-tables. The industry representatives were to start soliciting industry issues prior to the users training meeting. In response to the Industry feedback, I am still asking Industry representatives to volunteer or consider volunteering to represent Industry at the 2014 meeting. If you would like to be an Industry volunteer, please contact Brian Horn (brian.horn@nrc.gov).



NRC Proposes New Rules for Control and Accounting of Special Nuclear Material

On November 8, 2013 (78 FR 67225; NRC-2009-0096), the NRC published for public comment a proposed rule to amend its regulations for Material Control and Accounting of Special Nuclear Material. Also on November 8, 2013 (78 FR 67224; NRC-2013-0195), the NRC published for public comment the proposed guidance documents that discuss acceptable methods that licensees may use to prepare and implement their Material Control and Accounting plans and how the NRC will review and inspect these plans.

- NUREG-1280, Revision 2, "Acceptable Standard Format and Content for the Material Control and Accounting (MC) Plan Required for Strategic Special Nuclear Material"
- NUREG-2159, "Acceptable Standard Format and Content for the Material Control and Accounting (MC) Plan Required for Special Nuclear Material of Moderate Strategic Significance"
- NUREG-1065, Revision 3, "Acceptable Standard Format and Content for the Material Control and Accounting (MC) Plan Required for Special Nuclear Material of Low Strategic Significance"
- NUREG-2158, (formerly NUREG/CR-5734) "Acceptable Standard Format and Content for the Material Control and Accounting (MC) Plan Required for Low Enriched Uranium Enrichment Facilities"
- NUREG/BR-0096, Revision 2, "Instructions and Guidance for Completing Physical Inventory Summary Reports"

The Nuclear Regulatory Commission is asking the public to comment on a proposal to update, clarify and strengthen the requirements for material control and accounting (MC) of special nuclear material.

The NRC requires licensees to control and account for plutonium, enriched uranium and uranium-233, also known as special nuclear material. Plutonium and uranium-233 can be produced in nuclear reactors, while enriched uranium is created in a uranium enrichment facility. The MC program coupled with physical protection and information security programs helps to ensure these materials are not taken from facilities that possess them.

The proposed rule would change the requirements for collecting and reporting information on these materials. It adds new requirements for certain licensees that have 350 grams or more of special nuclear material, strengthens other requirements, applies the rules to more licensees, and clarifies terms and language.

The comment period has been extended and comments will be accepted through March 10, 2014. Comments may be submitted using the federal government's rulemaking website at www.regulations.gov using Docket ID NRC-2009-0096; by email to Rulemaking.Comments@nrc.gov; by fax to (301) 415-1101; or by mail to Cindy Bladley, Chief, Rules, Announcements, and Directives Branch, Office of Administration, Mail Stop: TWB-05-B01M, U.S. Nuclear Regulatory Commission, Washington, DC, 20555-0001.

Upcoming NMMSS I Training Course for DOE

The DOE NMMSS I (MCA-112) training course has been scheduled at Sandia National Laboratories, New Mexico, for **February 25-28, 2014**. This course is designed to help personnel who have fewer than two years experience in nuclear materials accounting. A minimum of 6 participants will be required to conduct the class. There will be no training fees for DOE personnel or DOE contractors. Contact John Ballard at (301) 903-0092 or by email at john.ballard@nnsa.doe.gov with questions or to reserve a spot in the class. Students will also be required to register for the class with the National Training Center (NTC) at www.ntc.doe.gov.

Sandia National Laboratories



Upcoming NMMSS II Training Course for DOE

This workshop is a follow-up to NMMSS I. It addresses topics and report products associated with nuclear materials accounting as they apply to NMMSS. Participants are also encouraged to share NMMSS-related issues and potential problems they maybe currently experiencing to the workshop for discussion. The NMMSS I course (MCA-112) is a prerequisite for the NMMSS II workshop.

The desired class size is 12 or less. A minimum of 6 will be required to conduct the class. You may register for the class by contacting John Ballard at (301) 903-0092, or by email at john.ballard@nnsa.doe.gov and provide him your name, nationality, job title, facility name, address, telephone number and email address. Students will also be required to register for the class with the NTC at www.ntc.doe.gov. There are no training fees for DOE personnel or DOE contractors.

NMMSS Training Course for NRC

NMMSS training for NRC Licensees is scheduled for **March 25-27, 2014**, at DOE Headquarters, in Germantown, MD. This course is designed for individuals with limited experience in NRC reporting requirements and is based on NUREG/BR-0006, Rev. 7 and NUREG/BR-0007, Rev. 6. The following topics, among others, will be included:

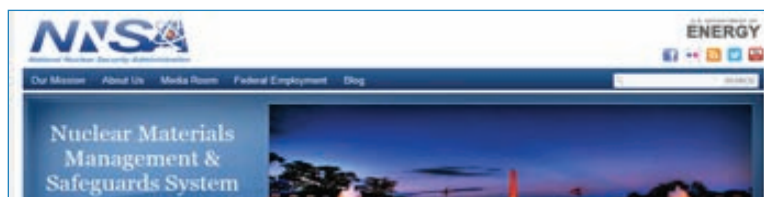
- Completion of data forms: transactions, inventory and material balance
- Inventory reconciliation
- Foreign Obligations reporting
- Report products

The desired class size is 10 or less. A minimum of 6 will be required to conduct the class. You may register for the class by contacting John Ballard at (301) 903-0092, or by email at john.ballard@nnsa.doe.gov and provide him your name, nationality, job title, facility name, address, telephone number and email address. Due to security requirements entering the DOE Germantown facility, all potential students who are not US citizens MUST register for this workshop at least 45 days prior to the instruction dates. There is no cost for this course.

If interested, please respond by February 28, 2014

NMMSS Website Updates

- "Schedule of Upcoming Training in 2014":
<http://nnsa.energy.gov/sites/default/files/nnsa/12-13-inlinefiles/2013-12-11%20Upcoming%20NMMSS%20Training%20121113%20Final.pdf>
- "NMMSS Users Guide" for use by the Department of Energy, Rev. 2.0, dated April 2013,
<http://nnsa.energy.gov/sites/default/files/nnsa/04-13-inlinefiles/2013-04-08%20Nuclear%20Materials%20Management%20and%20Safeguards%20System%20Users%20Guide%20Rev%202%20April%202013.pdf>



Transaction and Inventory Due Dates for DOE Sites

Reporting Month	Transaction Due	Inventory Due
January 2014	February 12	February 15
February 2014	March 12	March 15
March 2014	April 10	April 15
April 2014	May 12	May 15
May 2014	June 11	June 15

FY 2014 Observed Holidays

Presidents Day	February 17, 2014
Memorial Day	May 26, 2014
Independence Day	July 4, 2014
Labor Day	September 1, 2014

NMMSS Points-of-Contact for Assistance (February 2014)

Name	Key Function	Phone	Email Address
Gary Hirsch	Team Lead/ NRC Special Requests	(301) 903-6870	Gary.Hirsch@nnsa.doe.gov
John Ballard	Team Lead/ DOE Special Requests	(301) 903-0092	John.Ballard@nnsa.doe.gov
Patricia Smith	Senior Analyst - NRC	(301) 903-6860	PatriciaR.Smith@nnsa.doe.gov
Len Myers	Senior Analyst - DOE	(301) 903-2180	Len.Myers@nnsa.doe.gov
Mitch Hembree	Senior Analyst - NRC	(301) 903-6299	Mitch.Hembree@nnsa.doe.gov
Mary McConnell	Senior Analyst - NRC	(301) 903-6240	Mary.McConnell@nnsa.doe.gov
Karen Antizzo	Senior Analyst - DOE	(301) 903-0872	Karen.Antizzo@nnsa.doe.gov

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NRC International POC
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<http://nnsa.energy.gov/nmmss>
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Unclassified/Overnight Surface Mail Addresses

UNCLASSIFIED

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OVERNIGHT - UNCLASSIFIED

Gary Hirsch

Team Lead

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Germantown, MD 20874-1207

The NMMSS classified mailing address is available on the Safeguards and Security Information Management System (SSIMS) or by calling a NMMSS analyst. Identify Gary L. Hirsch as recipient and NA-73 as the organization.

IMPORTANT: The "DO NOT X-RAY" marking does not prevent incoming packages from being sanitized. Please package CDs in cardboard rather than plastic casings. The plastic is heated by the sanitization machine, thereby warping the disk. There is less chance of this occurring if the data is packaged in cardboard.

For information on transmitting classified data to NMMSS electronically, contact Jim Crabtree, (301) 903-6008 or James.Crabtree@nnsa.doe.gov.

NMMSS News is sponsored by the Department of Energy (POC: Pete Dessaulles; Pete.Dessaules@nnsa.doe.gov, (301) 903-4525) and the Nuclear Regulatory Commission (POC: Brian Horn; Brian.Horn@nrc.gov, (301) 287-9129). Please provide feedback, suggested topics of interest to Karen Antizzo; Karen.Antizzo@nnsa.doe.gov, (301) 903-3656